

AMENDMENTS TO THE CLAIMS:

1. (currently amended) A helmet having an opening type chin protection bar, comprising:

a helmet body [[1]] having a face protection opening [[2]] in a front side;

a chin protection bar [[4]] designed to protect a user's chin by blocking a part of the opening [[2]] of the helmet body [[1]];

a shield [[3]] for shielding the remaining portions of the opening [[2]] on an upper side of the chin protection bar [[4]];

a hinge mechanism [[400]] engaged to be rotatable in the upper and lower directions by engaging the chin protection bar [[4]] to the left and right sides of the helmet body [[1]] and not exposed to the outside by inserting a hinge bolt [[410]] in a direction from the inner side of the helmet body [[1]] to the outer side; and

a locking mechanism [[500]] designed to rotate the chin protection bar [[4]] in the upper and lower directions with respect to the hinge bolt [[410]] of the hinge mechanism [[400]] as a shaft wherein the chin protection bar [[4]] is locked in a lowered state, and is unlocked for its lifting operation,

said hinge mechanism [[400]] including:

a female screw [[421]] symmetrically attached to left and right inner sides of the chin protection bar [[4]] wherein the female screw is engaged and embedded;

an engaging plate [[420]] having a guide rib [[422]] provided in a surrounding portion of the female screw [[421]]; and

a hinge bolt [[410]] engaged with the female screw [[421]] and having a spacer [[411]].

2. (canceled)

3. (currently amended) The helmet of claim[[2]] 1, wherein said screw guide rib [[422]] includes a plurality of protrusions [[424]] and grooves [[423]], and said spacer [[411]] includes protrusions [[412]] corresponding to the protrusions [[424]] and grooves [[423]] for thereby preventing a screw [[421]] from loosening when assembled with each other.

4. (currently amended) The helmet of claim [[2]] 1, wherein said screw guide rib [[422]] includes a plurality of protrusions [[424]] and grooves [[423]] formed in a radial shape, and one protrusion among the protrusions [[424]] is formed higher than others, so that the protrusions [[412]] of the spacer [[411]] are easily inserted into the grooves [[423]] of the screw guide rib [[422]].

5. (currently amended) The helmet of claim 1, wherein said locking mechanism [[500]] includes:

a pair of fixtures [[510]] symmetrically attached to both inner surfaces of the helmet body [[1]] and each having a locking groove [[511]];

left and right sliders [[520]] formed in such a manner that the front ends of the same are inserted into the locking grooves [[511]] of the fixtures [[510]] and are escaped from the locking grooves [[511]] of the same;

a slider block [[530]] attached to an inner side of the chin protection bar [[4]] for guiding a sliding of the sliders [[520]] and preventing an escape of the same;

springs [[540]] connected between the slider blocks [[530]] for a return of the sliders [[520]];

a connector [[55Q]] connected along a center inner surface of the chin protection bar [[4]] in an arc; shape wherein the both ends of the connector [[550]] are connected with the rear ends of the sliders [[520]] for concurrently operating the left and right sliders [[520]]; and

a unlock lever [[570]] crossed in a vertical direction for forwardly pulling an intermediate portion of the connector [[550]] wherein the upper end of the unlock lever [[570]] is connected with an inner side of the chin protection bar [[4]], and the lower end of the same is partially exposed to the lower side of the chin protection bar [[4]].

6. (currently amended) The helmet of claim 5, wherein the front ends of the slider blocks [[530]] are partially inserted into the locking grooves [[511]] of the fixtures [[510]] for preventing any movements in the locked state.

7. (currently amended) The helmet of claim 5, wherein said unlock lever [[570]] is crossed with the connector [[550]] and has a holding part [[571]] for preventing any movement of the connector [[550]].